

Water Management

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Montgomery County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
8B: Judson-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
8C: Judson-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
9: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
9B: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
9C: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
9C2: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
9D: Marshall-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
9D2: Marshall-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
11B: Ackmore-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
24D: Shelby-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Deep to water	1.00
	Slope	0.01				
24D2: Shelby-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Deep to water	1.00
	Slope	0.01				
24E: Shelby-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Deep to water	1.00
	Slope	0.04				
24E2: Shelby-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Deep to water	1.00
	Slope	0.04				
24F: Shelby-----	Somewhat limited		Not limited		Very limited	
	Slope	0.18			Deep to water	1.00
	Seepage	0.05				
33D2: Steinauer-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Deep to water	1.00
	Slope	0.01				
33E2: Steinauer-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Deep to water	1.00
	Slope	0.04				
43: Bremer-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.05	Depth to	1.00	Slow refill	0.30
			saturated zone			
			Hard to pack	0.44	Cutbanks cave	0.10
54: Zook-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.01	Depth to	1.00	Slow refill	0.95
			saturated zone			
			Hard to pack	1.00	Cutbanks cave	0.10

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
54+:						
Zook-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.84	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
60D2:						
Malvern-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.96	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
76B:						
Ladoga-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
76C:						
Ladoga-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
76C2:						
Ladoga-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
76D:						
Ladoga-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
76D2:						
Ladoga-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
88:						
Nevin-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
93D2:						
Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Adair-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Deep to water	0.10 0.01
99C2: Exira-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
99D2: Exira-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
99D3: Exira-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
99E2: Exira-----	Somewhat limited Seepage Slope	0.70 0.04	Not limited		Very limited Deep to water	1.00
133: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
133+: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
134: Zook-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.97	Somewhat limited Slow refill Cutbanks cave	0.99 0.10
175D: Dickinson-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
179D: Gara-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.05	Piping	0.01	Deep to water	1.00
	Slope	0.01				
179D2: Gara-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Deep to water	1.00
	Slope	0.01				
179E: Gara-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.05	Piping	0.01	Deep to water	1.00
	Slope	0.04				
179E2: Gara-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Deep to water	1.00
	Slope	0.04				
179F: Gara-----	Somewhat limited		Somewhat limited		Very limited	
	Slope	0.18	Piping	0.01	Deep to water	1.00
	Seepage	0.05				
192D2: Adair-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.05	Depth to saturated zone	1.00	Slow refill	0.95
	Slope	0.01			Cutbanks cave	0.10
					Deep to water	0.01
212: Kennebec-----	Somewhat limited		Somewhat limited		Somewhat limited	
	Seepage	0.70	Piping	0.86	Deep to water	0.81
					Slow refill	0.30
					Cutbanks cave	0.10
212+: Kennebec-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.70	Piping	1.00	Deep to water	0.81
					Slow refill	0.30
					Cutbanks cave	0.10
220: Nodaway-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.70	Piping	1.00	Deep to water	0.81
					Slow refill	0.30
					Cutbanks cave	0.10

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
222C2: Clarinda-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.97	Somewhat limited Slow refill Cutbanks cave Deep to water	0.99 0.10 0.01
222D2: Clarinda-----	Somewhat limited Seepage Slope	0.01 0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.97	Somewhat limited Slow refill Cutbanks cave Deep to water	0.99 0.10 0.01
269: Humeston-----	Not limited		Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
273B: Olmitz-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.15	Very limited Deep to water	1.00
273C: Olmitz-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.14	Very limited Deep to water	1.00
318F2: Clanton-----	Somewhat limited Slope	0.04	Not limited		Very limited Deep to water	1.00
370B: Sharpsburg-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
370C: Sharpsburg-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
370C2: Sharpsburg-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
370D: Sharpsburg-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
370D2: Sharpsburg-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
423D2: Bucknell-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone	1.00	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
430: Ackmore-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
509: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
509B: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
509C2: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
517D2: Hesch Variant-----	Very limited Seepage Slope	1.00 0.01	Very limited Seepage	1.00	Very limited Deep to water	1.00
517E: Hesch Variant-----	Very limited Seepage Slope	1.00 0.06	Very limited Seepage	1.00	Very limited Deep to water	1.00
692D2: Mayberry-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.62	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01

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751D2: Northboro-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
822D2: Lamoni-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone	1.00	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
870: Sharpsburg-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
870B: Sharpsburg-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
870C2: Sharpsburg-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
1220: Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
1233: Corley-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
1299: Minden-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
1368: Macksburg-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10

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5010: Pits-----	Not rated		Not rated		Not rated	
5030: Pits-----	Not rated		Not rated		Not rated	
5040: Orthents-----	Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated	